

IN THE SPECIFICATION

Please replace the paragraph at page 1, lines 3-7, with the following rewritten paragraph:

This application claims benefit of priority under 35USC §119 to Japanese Patent Applications Application No. 2003-159175, filed on June 4, 2003, the entire contents of which are incorporated by reference herein.

Please replace the paragraph beginning at page 1, line 32, through page 2, line 12, with the following rewritten paragraph:

The manufacturing process of the typical turbine blade will be described below. The greater part of the turbine blade with the engagement portion remaining unfinished (an unfinished turbine blade) is molded by casting. Next, the unfinished turbine blade is located in the jig so as to make the dovetail axial direction perpendicular to the repulsive force due to work-resistance during grinding, by letting the pressure surface of the blade airfoil be supported with a support portion of the jig. Further, setting of the unfinished turbine blade onto the jig is completed by pressing the pressure surface of the blade airfoil against the location portion by means of a clamp of the jig. Then, the turbine blade is finished by forming the engagement portion along the dovetail axial direction by grinding.

Please replace the paragraph beginning at page 4, line 32, through page 5, line 3, with the following rewritten paragraph:

An embodiment of the present invention will be described below referring to Fig.1 to Fig.5. Fig.1 shows a turbine blade according to an embodiment of the present invention; Fig.2 is an enlarged view of the arrowed portion II in Fig.1; Fig.3 shows a state where the turbine blade according to the embodiment of the present invention is set on a jig; Fig.4 is a

schematic view of the arrowed portion IV in Fig.3; and Fig.5 shows a state where the turbine blade according to the embodiment of the present invention is installed into a female dovetail of a turbine disk. Herein, “front and rear (or back)” refers to the right hand side and left hand side in Fig.1 and Fig.2, and refers to the left hand side and right hand side in Fig.4.

Please replace the paragraph at page 6, lines 11-32, with the following rewritten paragraph:

As shown in Fig.3 and Fig.4, the front engagement face 27f of the front engagement member 27 is able to be engaged by a front locator pin 33 of a jig 31 to be used for the grinding, and the rear engagement face 29f of the rear engagement member 29 is able to be engaged against a rear engage locator pin 35 of the jig 31. Moreover, the front engagement face 27f of the front engagement member 27 and the rear engagement face 29f of the rear engagement member 29 are respectively configured to be located slightly back from a virtual plane VF including one side of the platform 15 and also to be substantially parallel to the dovetail axial direction (longitudinal direction) of the male dovetail 25. Particularly, the distance (depth) of which the front engagement face 27f is located back from the virtual plane VF and the distance (depth) of which the rear engagement face 29f is located back from the virtual plane VF are respectively configured to be in a range of less than or equal to 0.7 mm. In other words, each of the front engagement face 27f of the front engagement member 27 and the rear engagement face 29f of the rear engagement member 29 has a recess in a range of less than or equal to 0.7 mm. Further, the spacing between the front edge of the front engagement face 27f and the rear edge of the rear engagement face 29f are configured to be longer than the length of the male dovetail 25 in the dovetail axial direction.

Please replace the paragraph at page 7, lines 4-13, with the following rewritten paragraph:

The jig 31 includes the front locator pin 33 and a rear locator pin 35 as well as a locating roller 37 for locating the suction surface 7fa near the tip of the blade airfoil 7, a locating pin 41 for clipping the male dovetail 25 at the rear side thereof and a clip 39 for clipping the male dovetail 25 at the front side thereof, and a clamp 45 for pressing the pressure surface 7fb near the hub of the blade airfoil 7 downward via a rubber pad 43, an engagement roller 47 able to be engaged against the back end of the shroud 9, a contact bolt 49 able to be contacted with the front end of the shroud 9.